



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#8
07/15/03

In Re Patent Application Of: Detalle Our File: 11330-01 US
Application No: 09/987,819 Group Art Unit: 2877
Filing Date: November 16, 2001 Examiner: Philip Natividad
Title: Method and Apparatus for Three-Dimensional Compositional Mapping of
Heterogeneous Materials

April 2, 2003

The Commissioner of Patents and Trademarks
Washington, D.C. 20231 U.S.A.



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TECHNOLOGY CENTER 2800

**Information Disclosure Statement
- Under 37 CFR 1.97(e)(1)**

Sir:

Applicant submits herewith an Information Disclosure Statement (Form PTO-1449)
and copies of references listed therein.

The documents listed in the IDS were cited in a Search Report mailed
February 17, 2003 from the European Patent Office in the corresponding PCT application
not more than three months prior to the filing of this statement.

Respectfully submitted,

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Substitute form for form 1449A & 1449B/PTO

Complete if Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Application No.	09/967,819
Filing Date	November 16, 2001
First Named Inventor	Datalle et al.
Group Art Unit	2877
Examiner Name	Philip Natividad
Attorney Docket No.	11330-01 US

(use as many sheets as necessary)

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		4,627,731		Waters et al.	12-09-1986	
		5,720,894		Neev et al.	11-24-1998	
		6,259,530		Monsallut	07-10-2001	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in capital letters), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		Anderson et al., "Depth Profile Studies Using Laser-Induced Plasma Emission Spectrometry", 1369 Applied Spectroscopy, XP000508969, vol. 49, no. 6, June 1995, Society for Applied Spectroscopy, Baltimore, USA	
		Borisov et al., "Laser Ablation Inductively Coupled Plasma Mass Spectrometry of Pressed Pellet Surrogates for Pu Materials Disposition", Applied Spectroscopy, XP-001125028, vol. 55, no. 10, 2001, Society for Applied Spectroscopy, Baltimore USA	
		Wong et al., "Surface Characterization of Laser Ablated Hard Tissue: A Comparison of Scanning White Light Interferometry and Electron Microscopy", Proceedings of the SPIE, XP009003998, vol. 2390, pp. 68-75, 1995, SPIE Bellingham, VA USA	

Examiner Signature		Date Considered	
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1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.